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[Continued on next page]

(54) Title: USER INTERFACE FOR MULTIPLE DISPLAY REGIONS

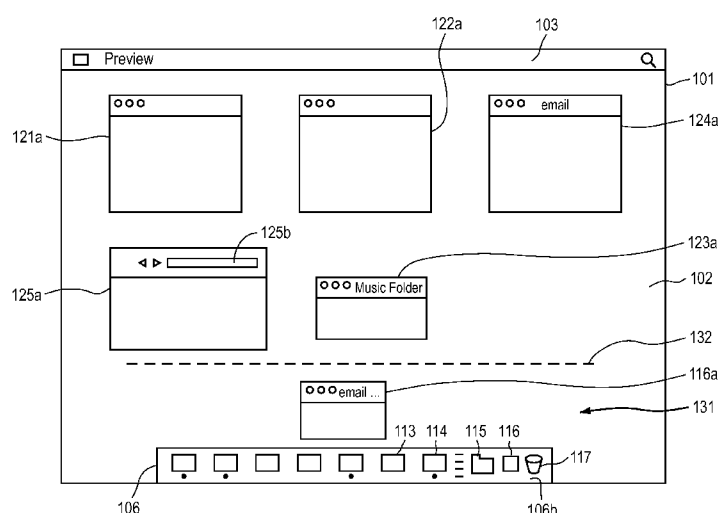


FIG. 1C

(S7) Abstract: User interfaces for multiple display regions are described. One embodiment provides an array of non-overlapping windows that are created from a set of overlapping windows, and a user can select one of the non-overlapping windows to obtain an enlarged view of that selected window while keeping the other windows in their non-overlapping state. In one embodiment, the array of non-overlapping windows can include minimized windows or windows in other virtual desktops (e.g. windows in other "Spaces") or both. In one embodiment, only windows of a selected application are shown in non-overlapping mode while opened windows of other applications are not shown.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F3/048 G06F9/44
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/248404 A1 (LINDSAY DONALD J [US] ET AL) 2 November 2006 (2006-11-02) * abstract; figures 1a-8 paragraphs [0011] - [0014], [0046], [0049] - [0064] -----	1-19, 39, 40, 44, 45, 49
X	US 2007/050724 A1 (LEE SI-HYOUNG [KR] ET AL) 1 March 2007 (2007-03-01) * abstract; figures 1-5 paragraphs [0019], [0020], [0023], [0025], [0034], [0035], [0050] - [0052], [0055], [0058], [0060], [0066], [0069] - [0073] ----- -/--	1-19

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

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International application No

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2008/058042 A1 (MICROSOFT CORP [US]) 15 May 2008 (2008-05-15)	1-19, 39, 40, 44, 45, 49
Y	* abstract; figures 1a-11 paragraphs [0010] - [0012], [0025], [0035] - [0042], [0067], [0083], [0085], [0086], [0089], [0091] - [0094], [0099], [0114], [0115], [0117] paragraphs [0121], [0142], [0160], [0161], [0166], [0181] - [0184] -----	41-43, 46-48
X	EP 1 491 990 A2 (APPLE COMPUTER [US] APPLE INC [US]) 29 December 2004 (2004-12-29)	1-22, 24-30, 32-38
Y	* abstract; figures 1-23d paragraphs [0009], [0011], [0019], [0025], [0040], [0056] - [0061], [0064] - [0079], [0099] - [0102], [0107], [0112] - [0114] -----	23, 31
Y	Steve McQwark: "Taskbar Ruminations", Internet Article, 18 November 2008 (2008-11-18), pages 1-4, XP002601046, Retrieved from the Internet: URL: http://www.kde-forum.org/artikel/24310/taskbar-ruminations.html [retrieved on 2010-09-14] the whole document -----	23, 31
Y	George Robertson, Eric Horvitz, Mary Czerwinski, Patrick Baudisch, Dugald Hutchings, Brian Meyers, Daniel Robbins, Greg Smith: "Scalable Fabric: Flexible Task Management", 25 May 2004 (2004-05-25), pages 85-89, XP002601047, AVI'04, May 25-28, 2004, Gallipoli (LE), Italy Retrieved from the Internet: URL: http://delivery.acm.org/10.1145/990000/989874/p85-robertson.pdf?key1=989874&key2=6531564821&coll=GUIDE&d1=GUIDE&CFID=102094578&CFTOKEN=34169848 [retrieved on 2010-09-16] the whole document -----	41-43, 46-48
A	EP 1 847 924 A1 (IBM [US]) 24 October 2007 (2007-10-24) * abstract; figures 1-9 paragraphs [0009], [0047], [0048], [0063], [0065] - [0068] -----	1-19

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2010/037525

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-19

Invention 1 (claims 1-19) directed towards a window management method which facilitates recognition of a selected window by the user, said method (essentially) comprising:

- (i) displaying a user interface which is configured to present a plurality of overlapping windows in a first display mode;
 - (ii) receiving an input to enter a second display mode in which the plurality of windows are displayed in a non-overlapping state; and
 - (iii) receiving a further input to select one of the windows and display an enlarged version of the selected window while remaining in the second display mode.
-

2. claims: 20-38

Invention 2 (claims 20-38) directed towards a window management method which facilitates switching among active applications, said method (essentially) comprising:

- (i) displaying a user interface which is configured to present a plurality of overlapping windows in a first display mode;
 - (ii) receiving an input to enter a second display mode in which the plurality of windows are displayed in a non-overlapping state; and
 - (iv) wherein in the second display mode only windows of a previously selected application of a plurality of applications are displayed and windows of other applications are not displayed.
-

3. claims: 39-49

Invention 3 (claims 39-49) directed towards a window management method which facilitates the interaction with minimized windows, said method (essentially) comprising:

- (i) displaying a user interface which is configured to present a plurality of overlapping windows in a first display mode;
 - (ii) receiving an input to enter a second display mode in which the plurality of windows are displayed in a non-overlapping state; and
 - (v) wherein in the second display mode the plurality of windows and at least one minimized window are displayed in the non-overlapping state.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2010/037525

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